



# WINTER WEATHER BRIEFING

4:00 PM CT

Saturday, January 18, 2025

Prepared by:

NWS New Orleans/Baton Rouge



# Situation Overview

## Changes since Previous Update:

- Confidence continues to increase that there will be moderate to major impacts from winter weather Tuesday thru Tuesday Night.
- No additional changes to headlines from this morning's update.

## Overview:

### ▪ Cold Weather:

- Confidence is very high that we will see excessively cold temperatures Monday Morning through Thursday morning, with dangerous wind chills in the teens to single digits expected.
- A Cold Weather Advisory is in effect for Sunday Night/Monday Morning, also Monday Night/Tuesday Morning. Additional headlines are expected.
- Slight warming trend in temperatures are expected Friday into next weekend.

### ▪ Winter Weather:

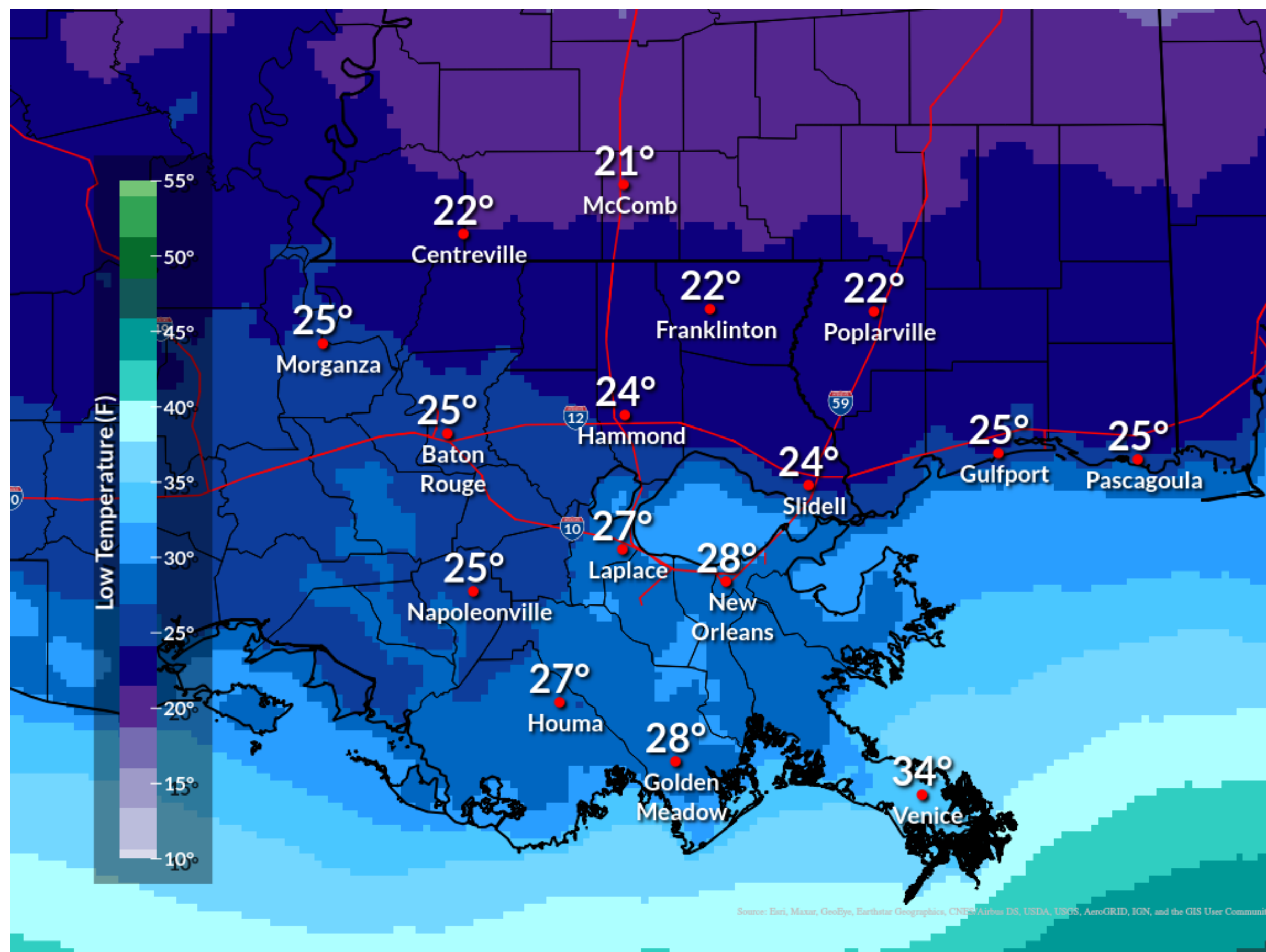
- Confidence has increased that we will likely see impacts from snow and/or snow/ice mix primarily Tuesday morning through Tuesday evening/early parts of the night for most of SE LA and southern MS.
- Impacts to travel are expected, which will likely last into the day on Wednesday and could even last into early Thursday for some areas.



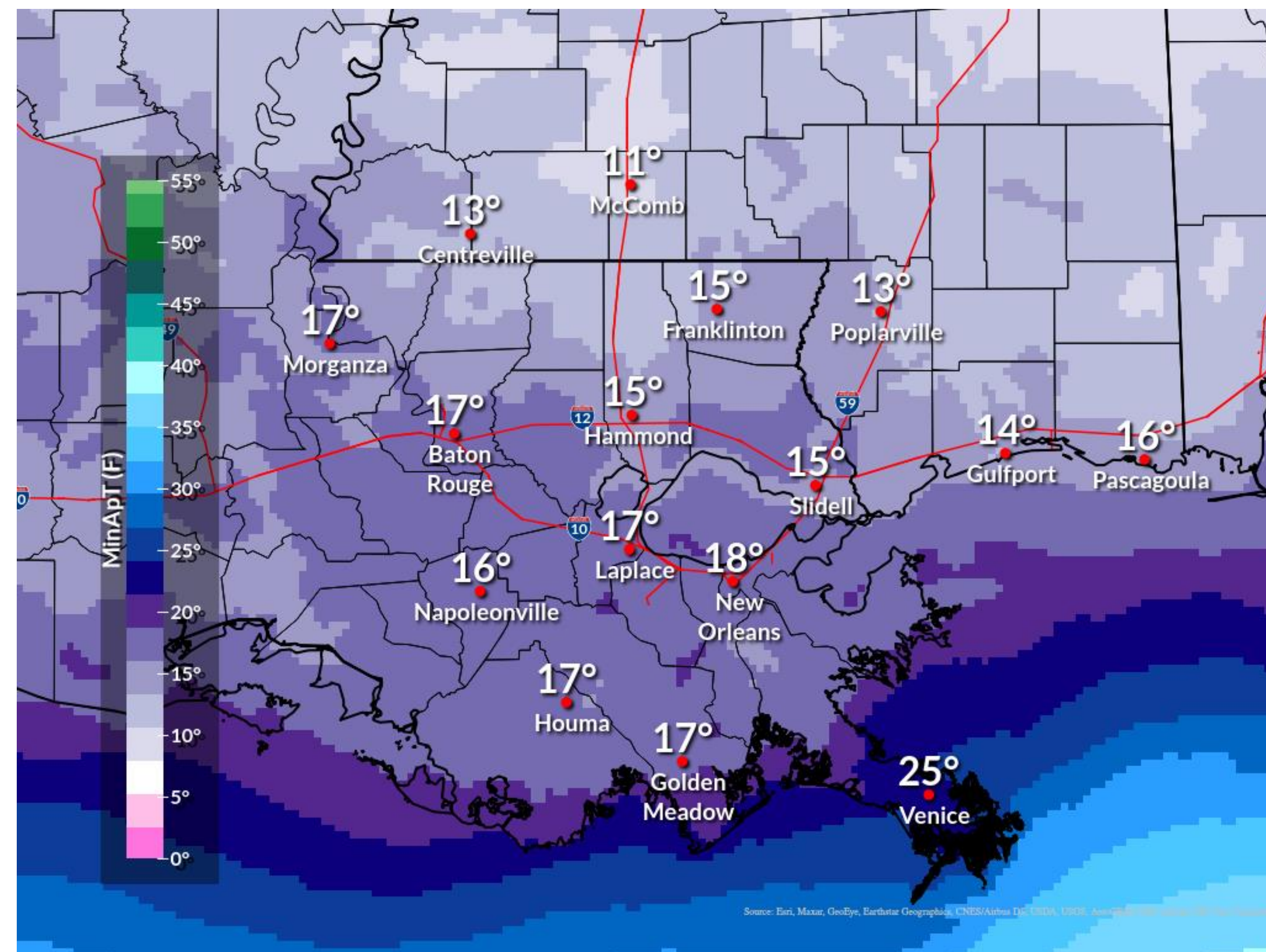
# Monday: Forecast Low Temps and Wind Chills

Values expected in the early morning hours

## Forecast Low Temperature



## Minimum Wind Chill

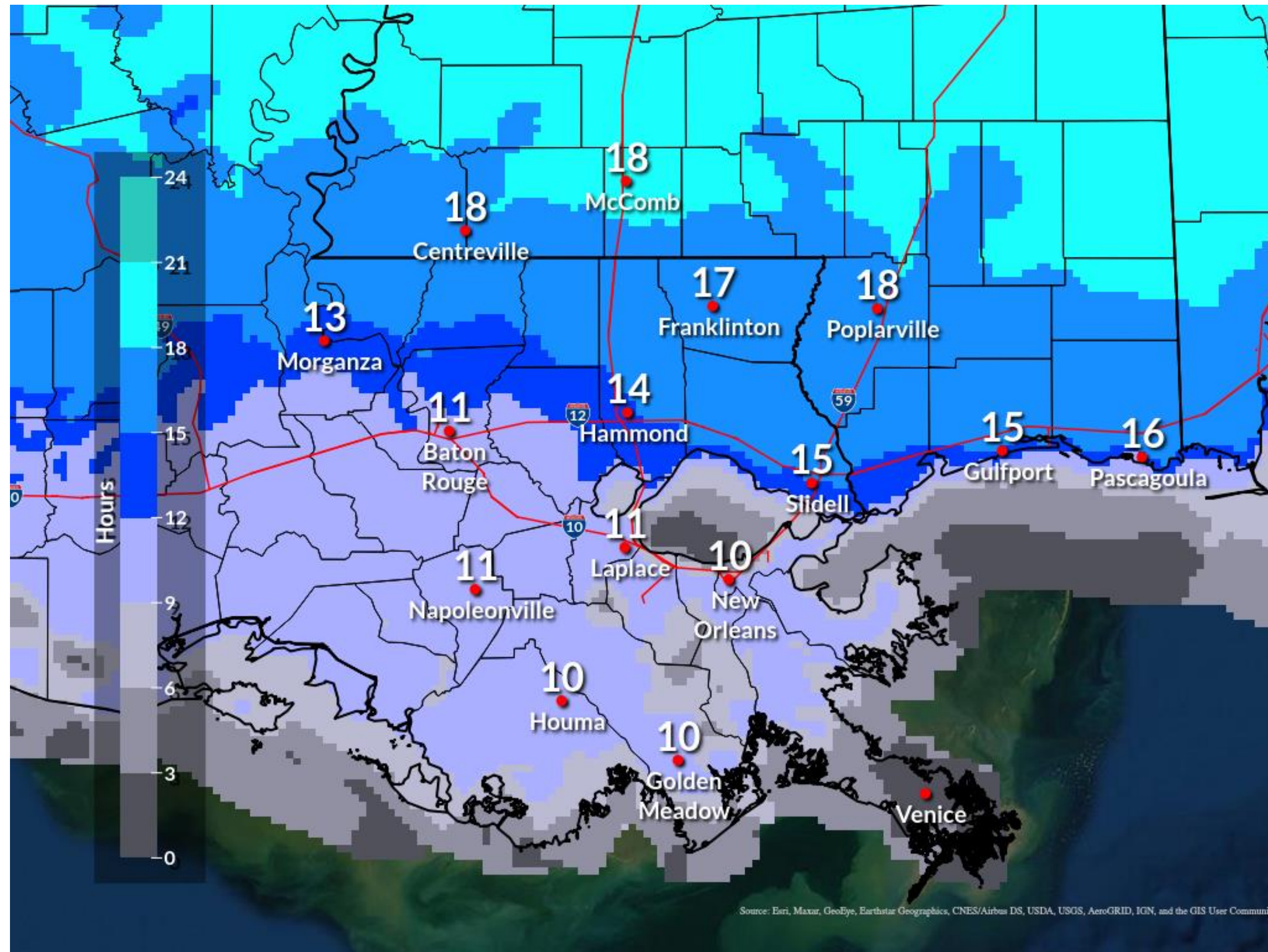




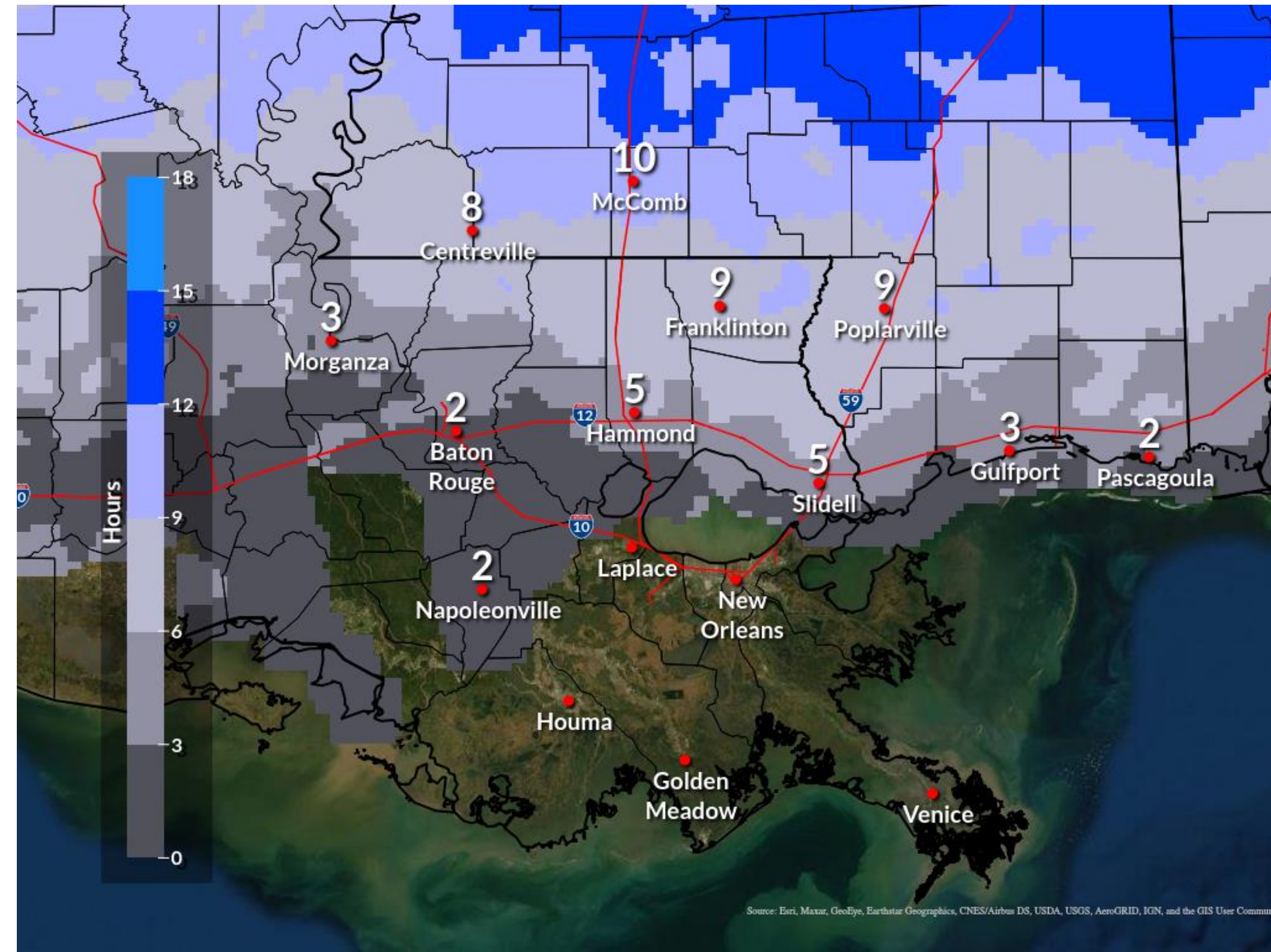
# Monday: Hours Below Freezing and Hours 25°F or Lower

Values expected in the early morning hours

## Hours Below Freezing 12AM Mon – 12AM Tue



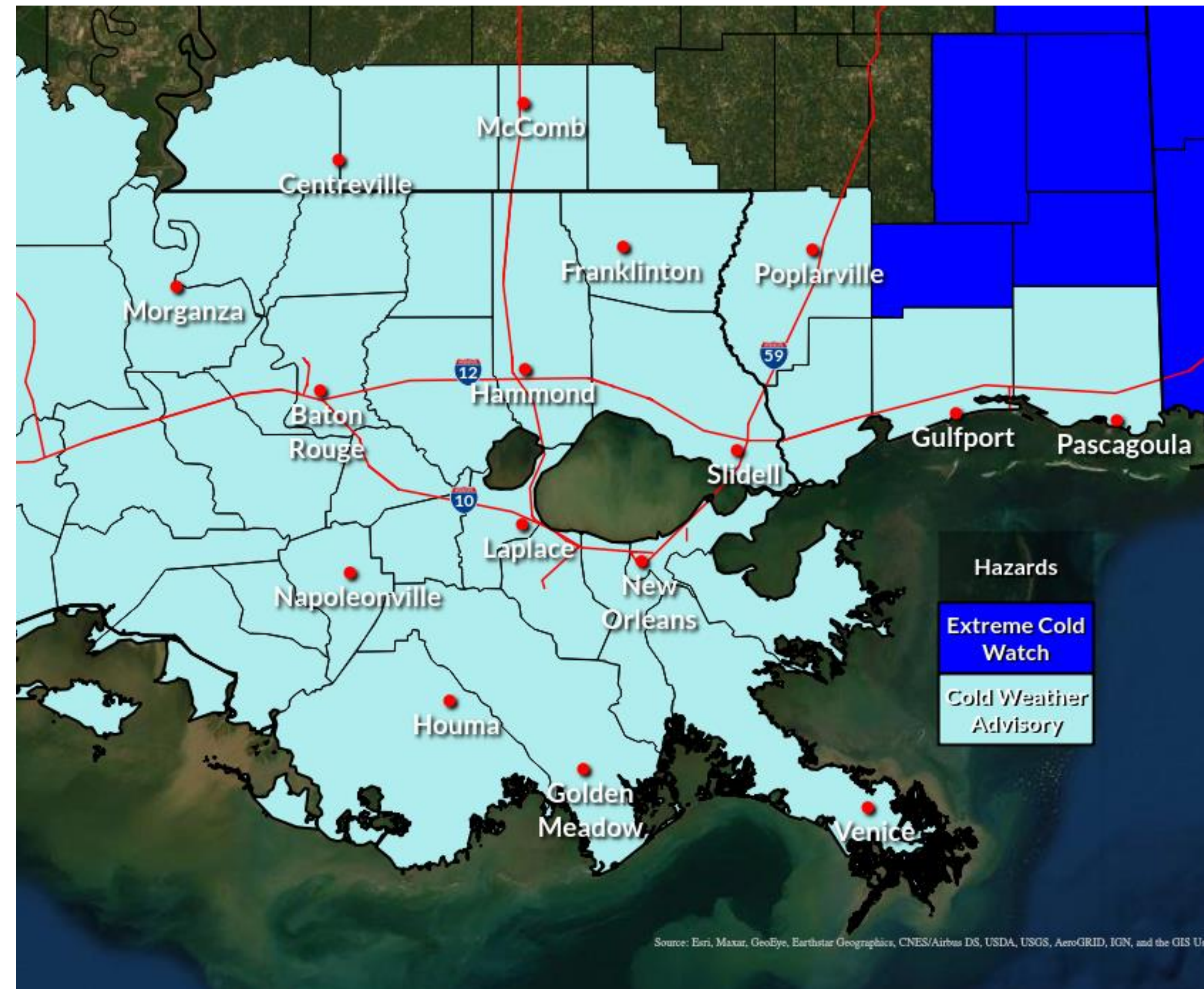
## Hours 25°F or Lower 12AM Mon – 12AM Tue





# Cold Weather Advisory In Effect

In effect Sunday Night/Monday Morning & Monday Night/Tuesday Morning



## Cold Weather Advisory in effect:

- **What:** Very cold wind chills expected this week. Southwest Mississippi and adjacent Louisiana Parishes should see wind chills 10 to 15 degrees. The I-10/12 corridors and points south can expect wind chills 15 to 25 degrees.
- **Where:** All of SE LA and southern MS
- **When:** In effect 6PM Sunday – 9AM Monday, again 9PM Monday – 6PM Tuesday

## Precautionary/Preparedness Actions:

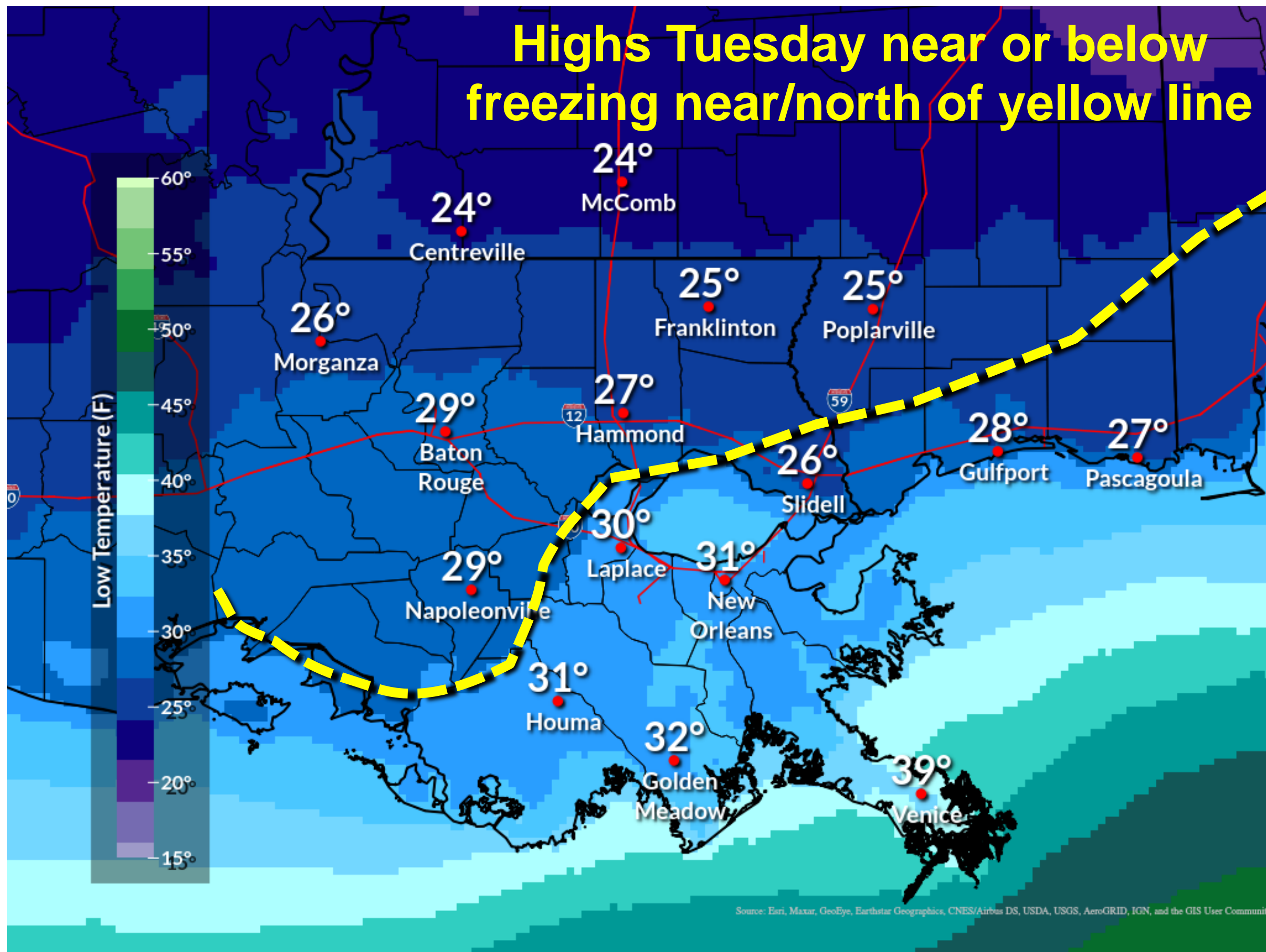
- Wear appropriate clothing, hat, gloves.
- Keep pets indoors as much as possible. Make sure outdoor animals have a warm, dry shelter, food and unfrozen water
- Make frequent checks on older family, friends and neighbors. Ensure portable heaters are used correctly.



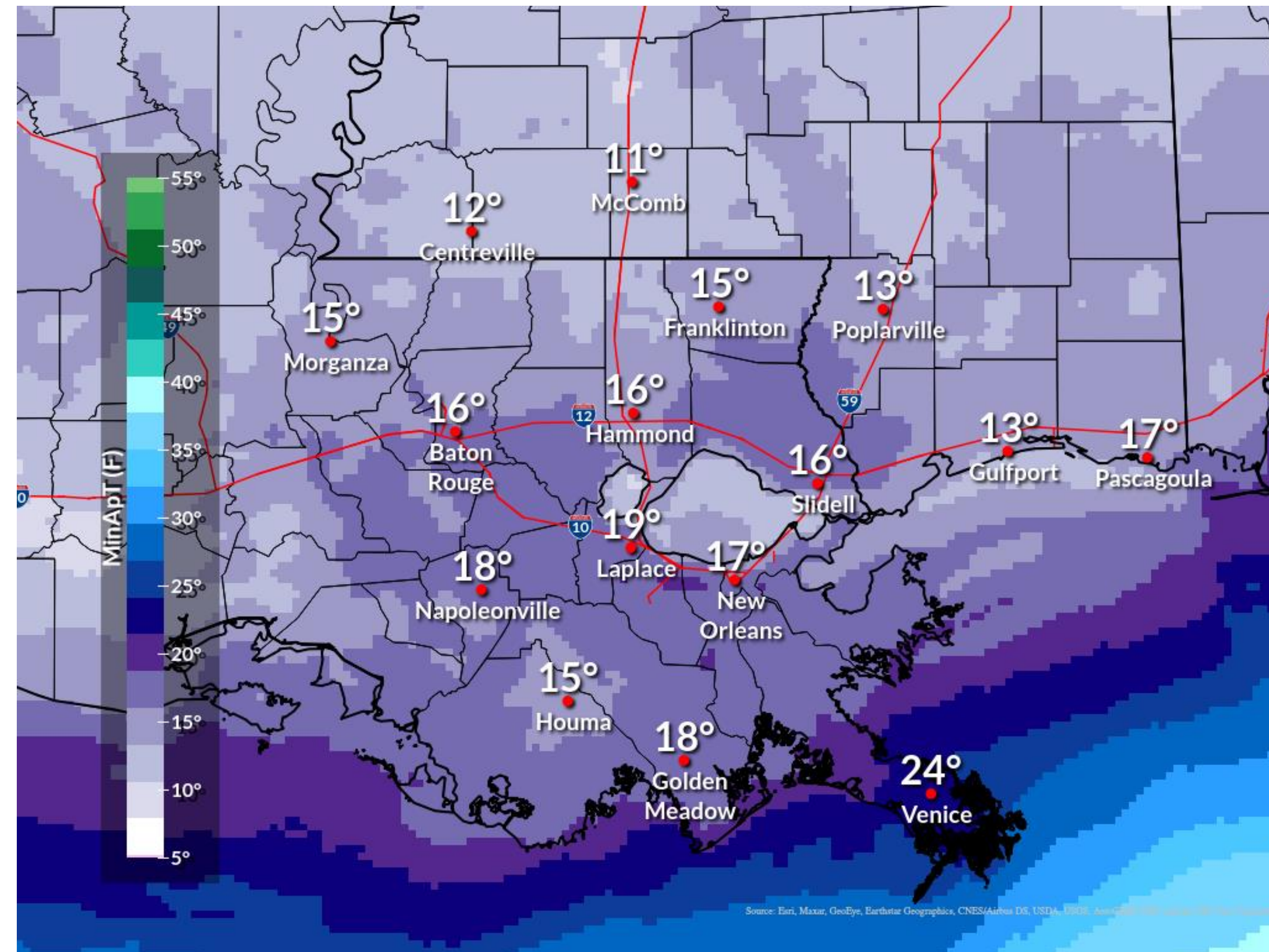
# Tuesday: Forecast Low Temps and Wind Chills

Values expected in the early morning hours

## Forecast Low Temperature



## Minimum Wind Chill

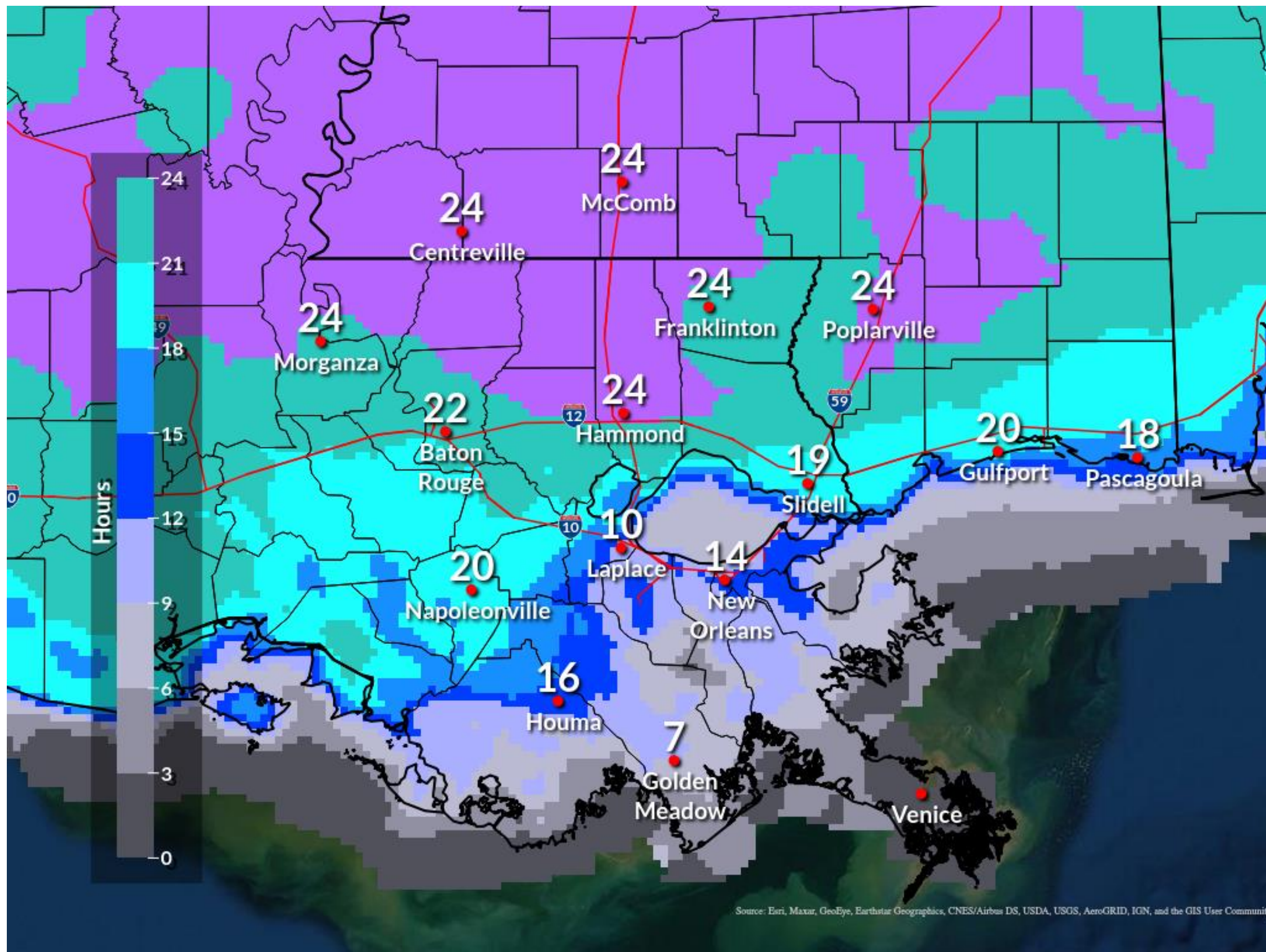




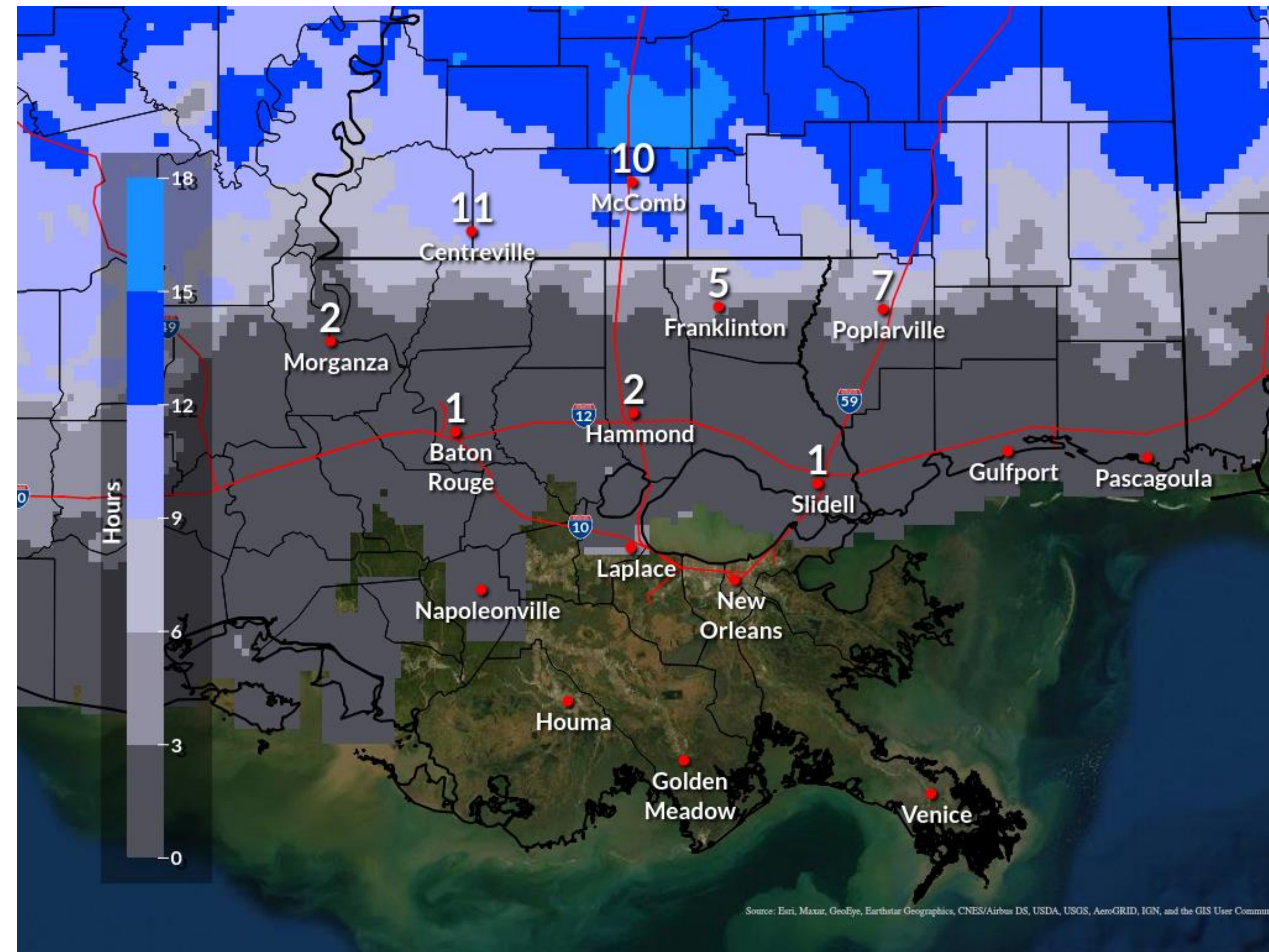
# Tuesday: Hours Below Freezing and Hours 25°F or Lower

Values expected in the early morning hours

## Hours Below Freezing 12AM Tue – 12AM Wed



## Hours 25°F or Lower 12AM Tue – 12AM Wed

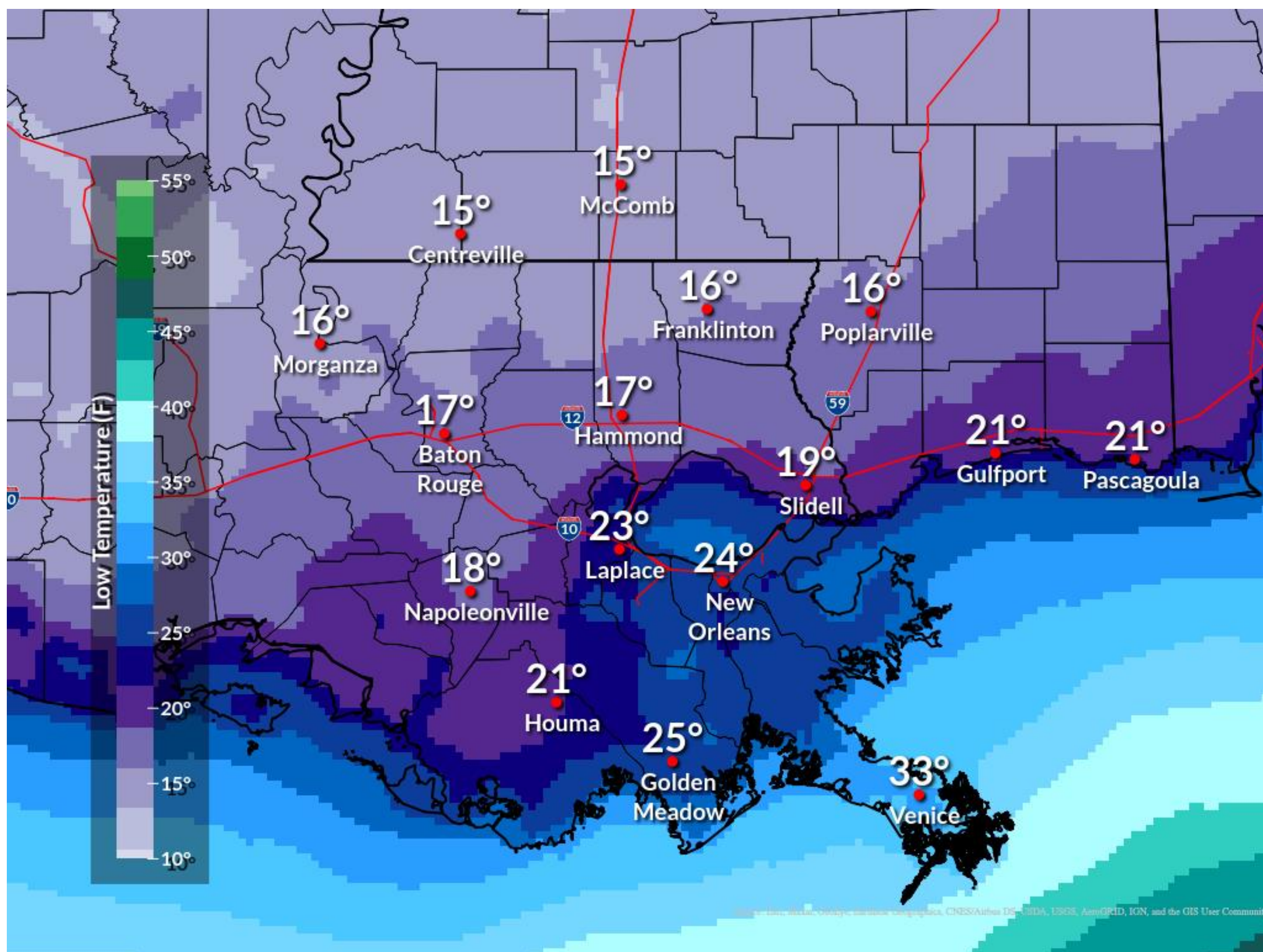




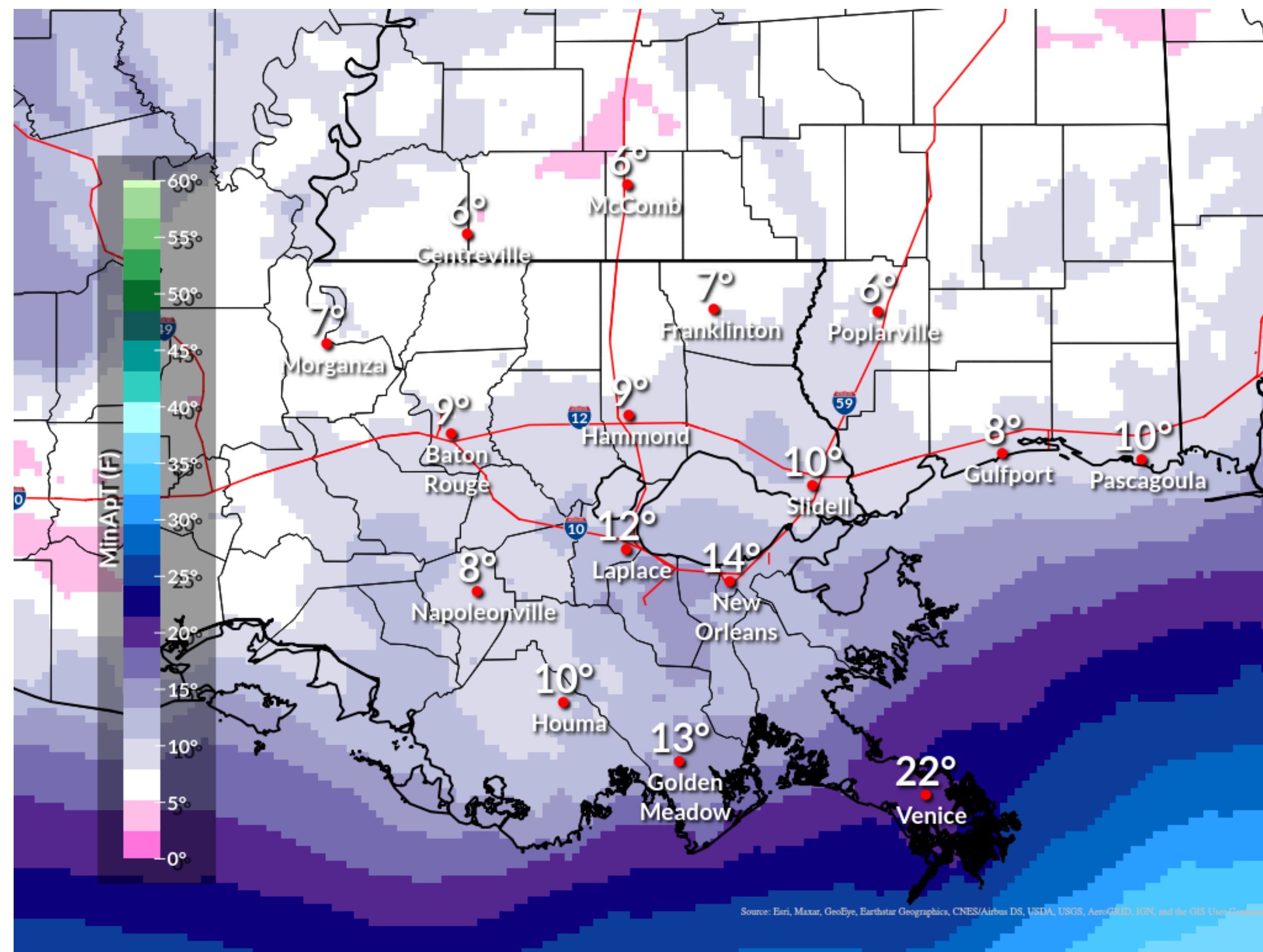
# Wednesday: Forecast Low Temps and Wind Chills

Values expected in the early morning hours

## Forecast Low Temperature



## Minimum Wind Chill



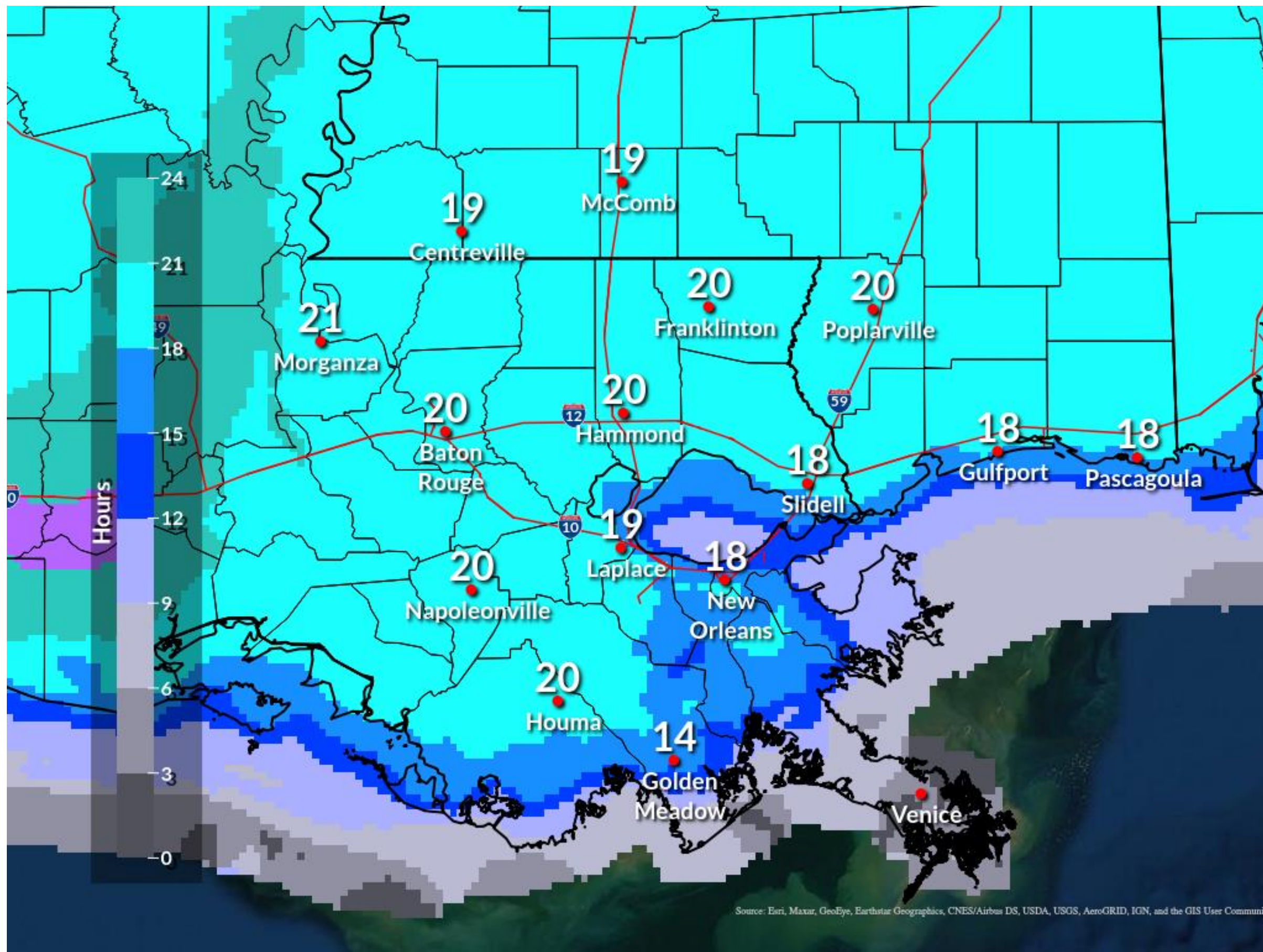




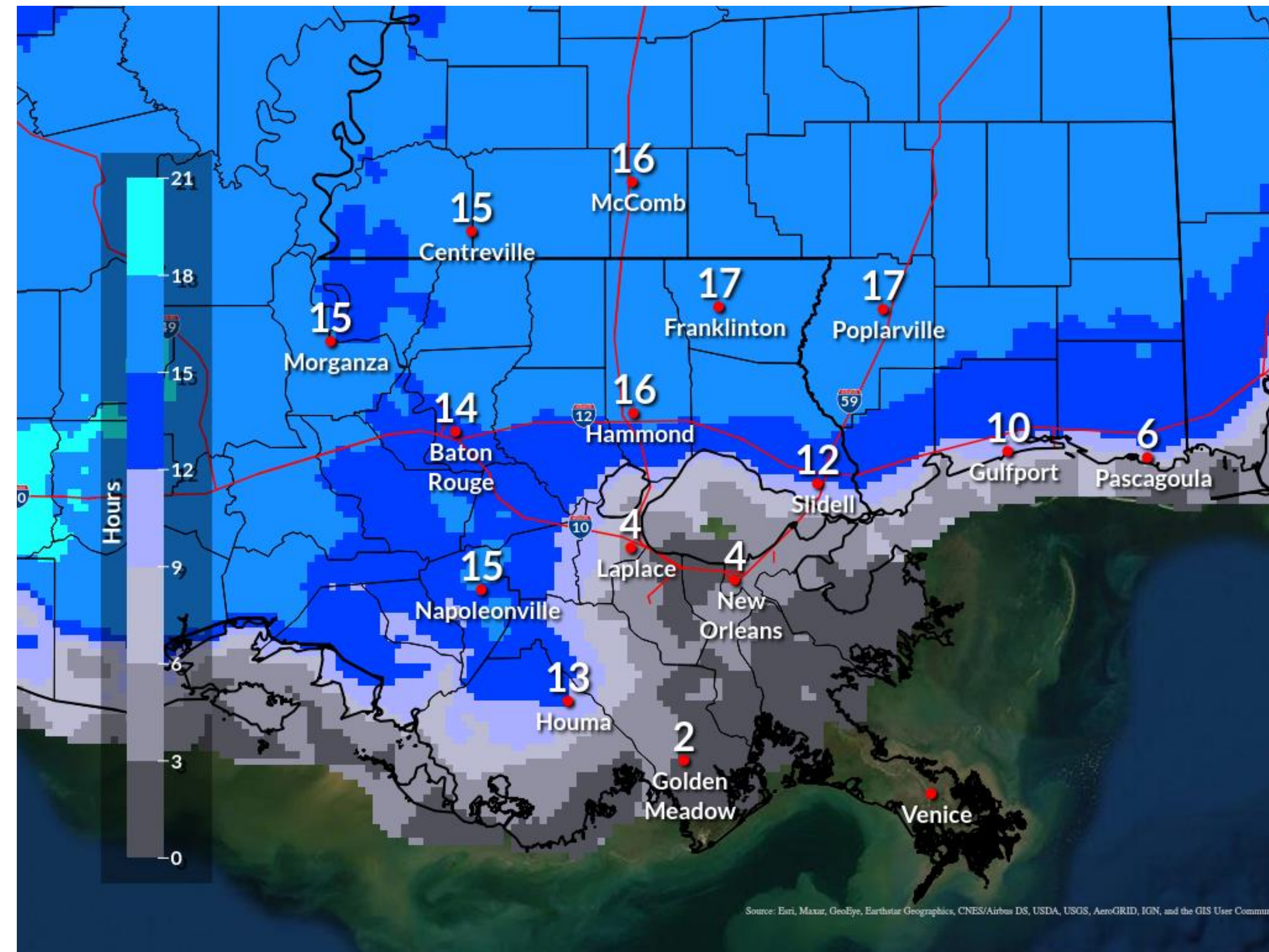
# Wednesday: Hours Below Freezing and Hours 25°F or Lower

Values expected in the early morning hours

## Hours Below Freezing 12AM Wed – 12AM Thu



## Hours 25°F or Lower 12AM Wed – 12AM Thu



Source: Eri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

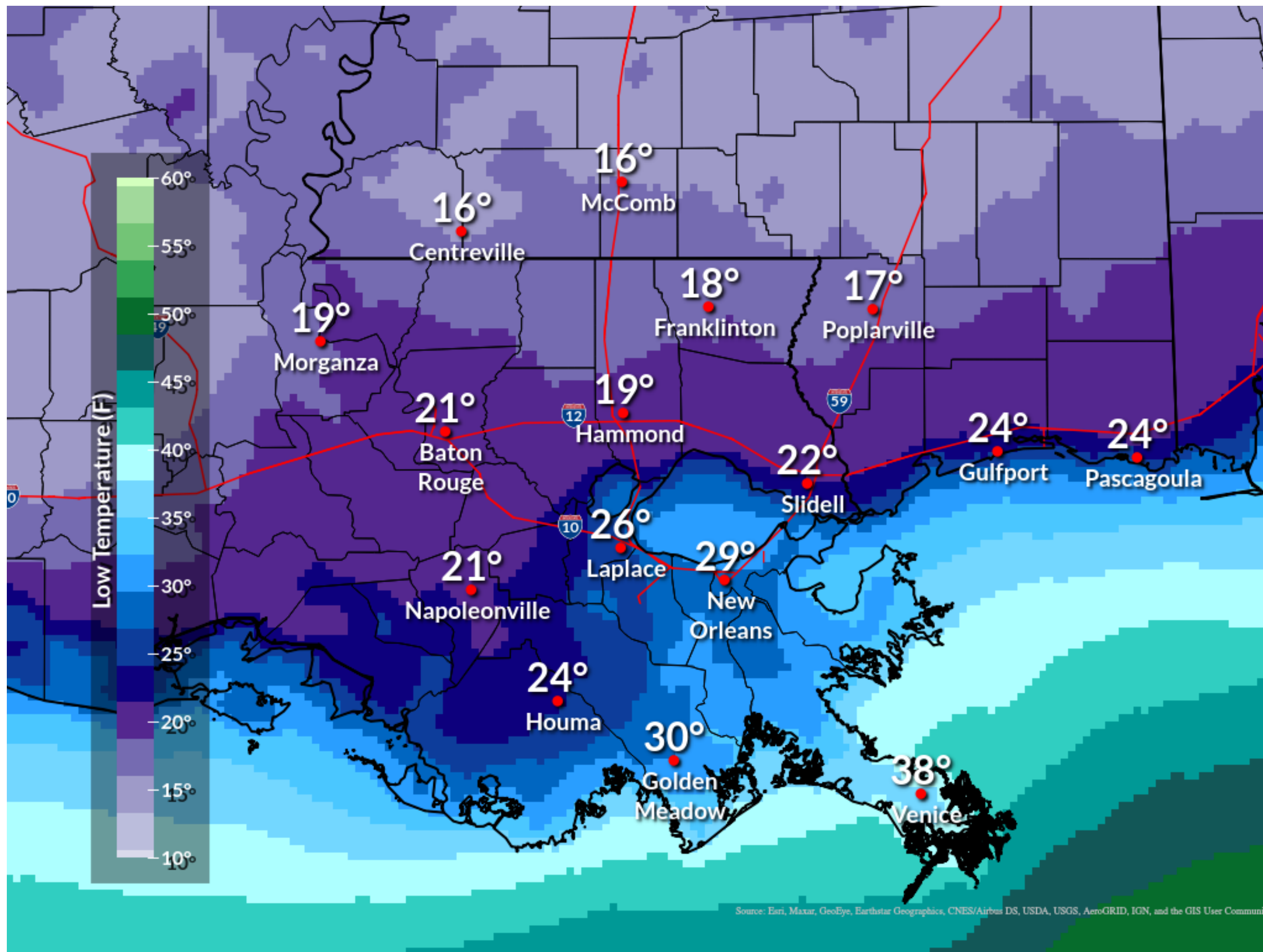
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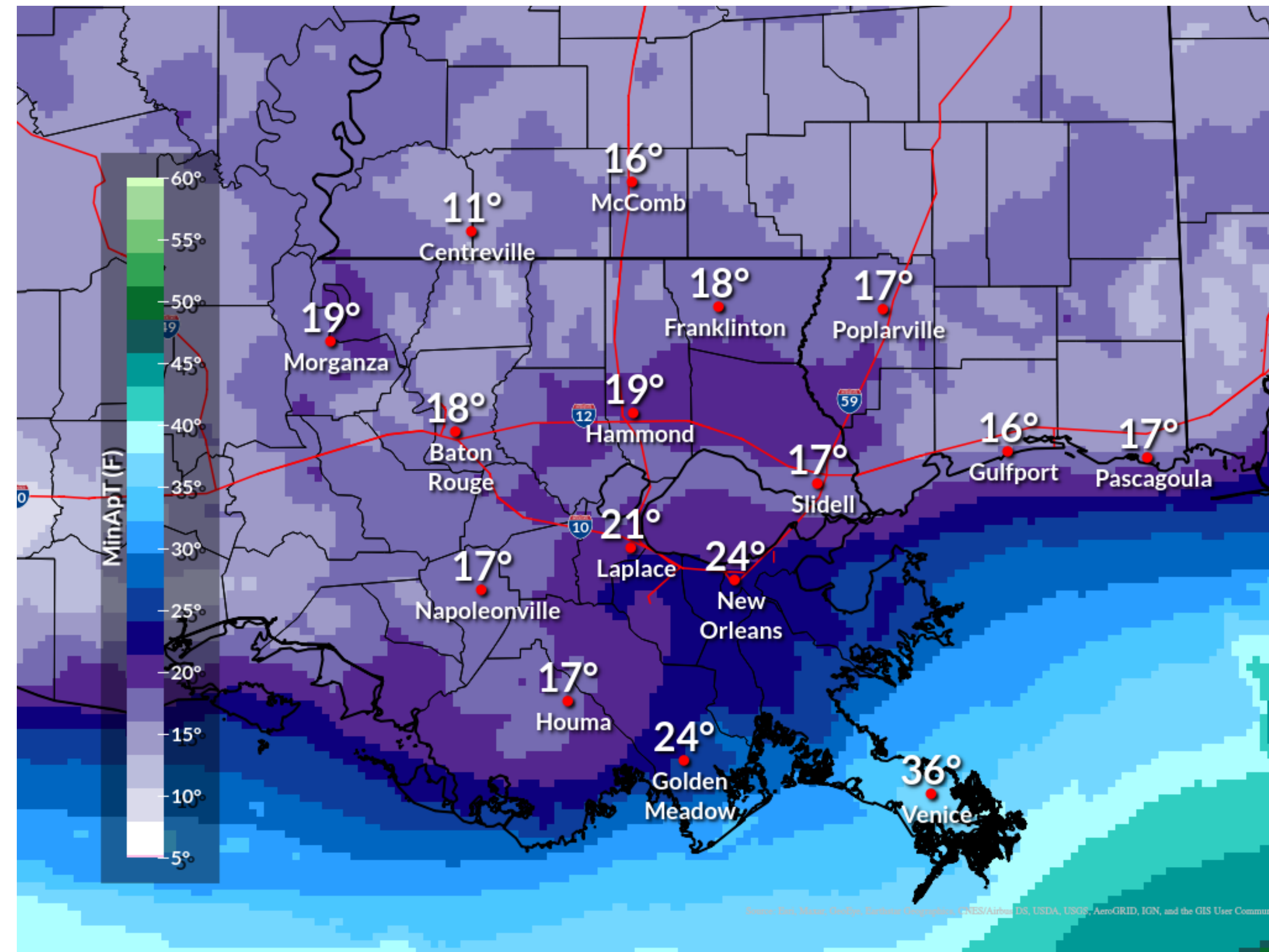
# Thursday: Forecast Low Temps and Wind Chills

Values expected in the early morning hours

## Forecast Low Temperature



## Minimum Wind Chill



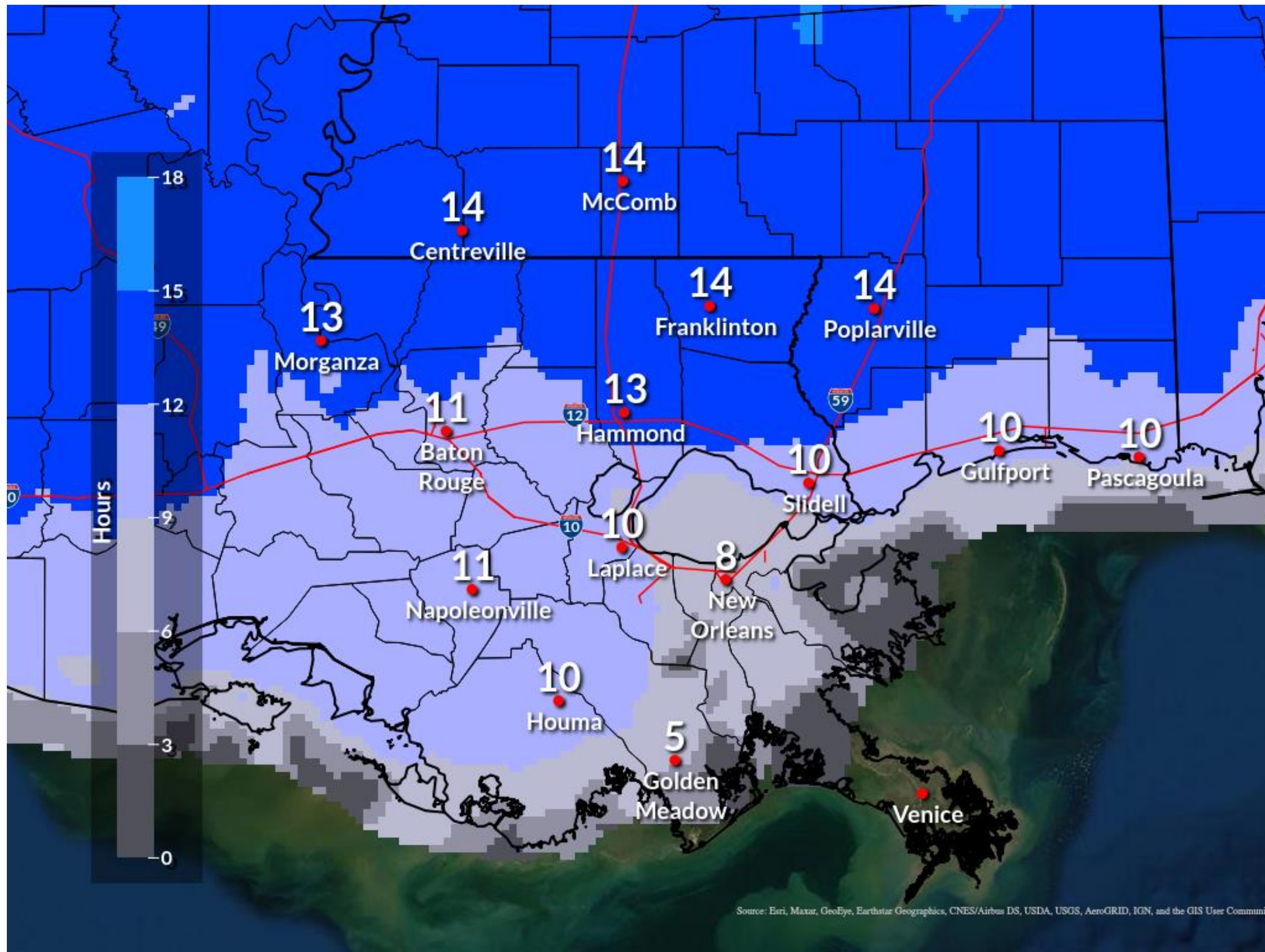
Note: Light winds will result in wind chills near the air temperature.



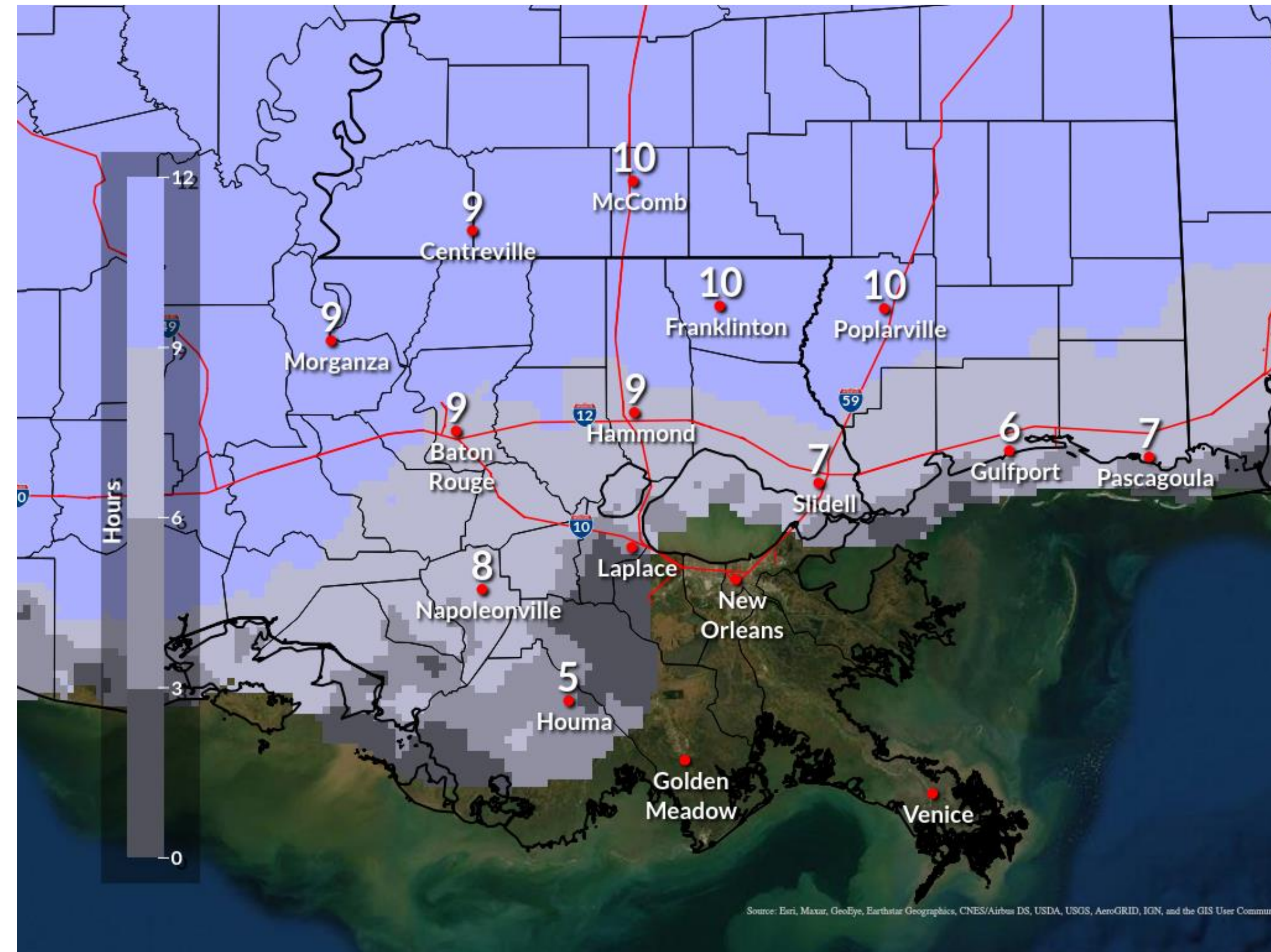
# Thursday: Hours Below Freezing and Hours 25°F or Lower

Values expected in the early morning hours

## Hours Below Freezing 12AM Thu – 12AM Fri



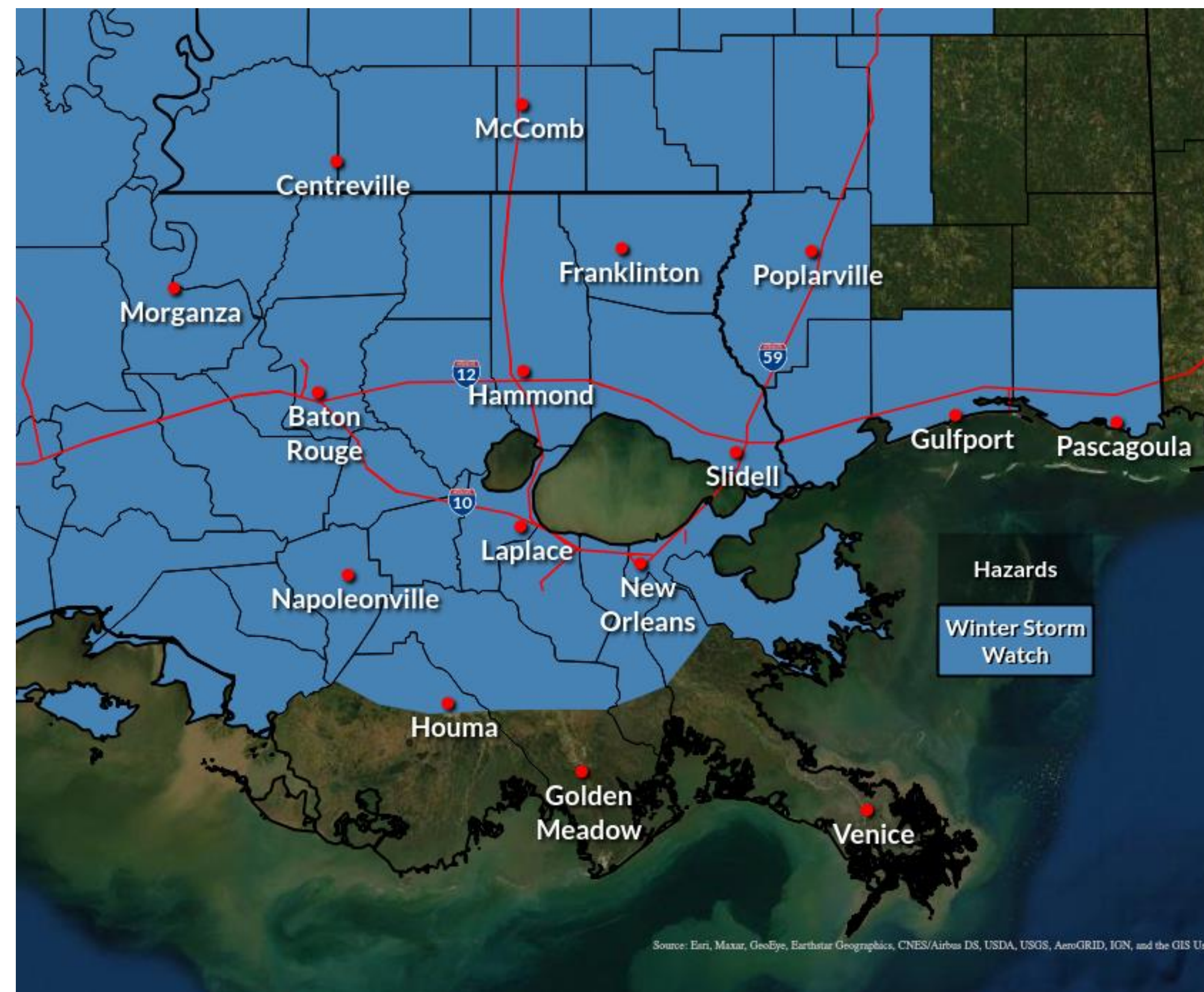
## Hours 25°F or Lower 12AM Thu – 12AM Fri





# Winter Storm Watch In Effect

In effect late Monday night into Tuesday evening.



## Winter Storm Watch in effect:

- **What:** Winter precipitation causing moderate to major impacts is expected. Snow accumulations of 4 to 6 inches along and north of the I-10/12 corridor and 1 to 3 inches south of this corridor. There is also a low chance of ice accumulations along and south of I-10/12
- **Where:** All of SE LA, excluding the immediate SE LA coast and southern MS
- **When:** In effect late Monday night through Tuesday evening.

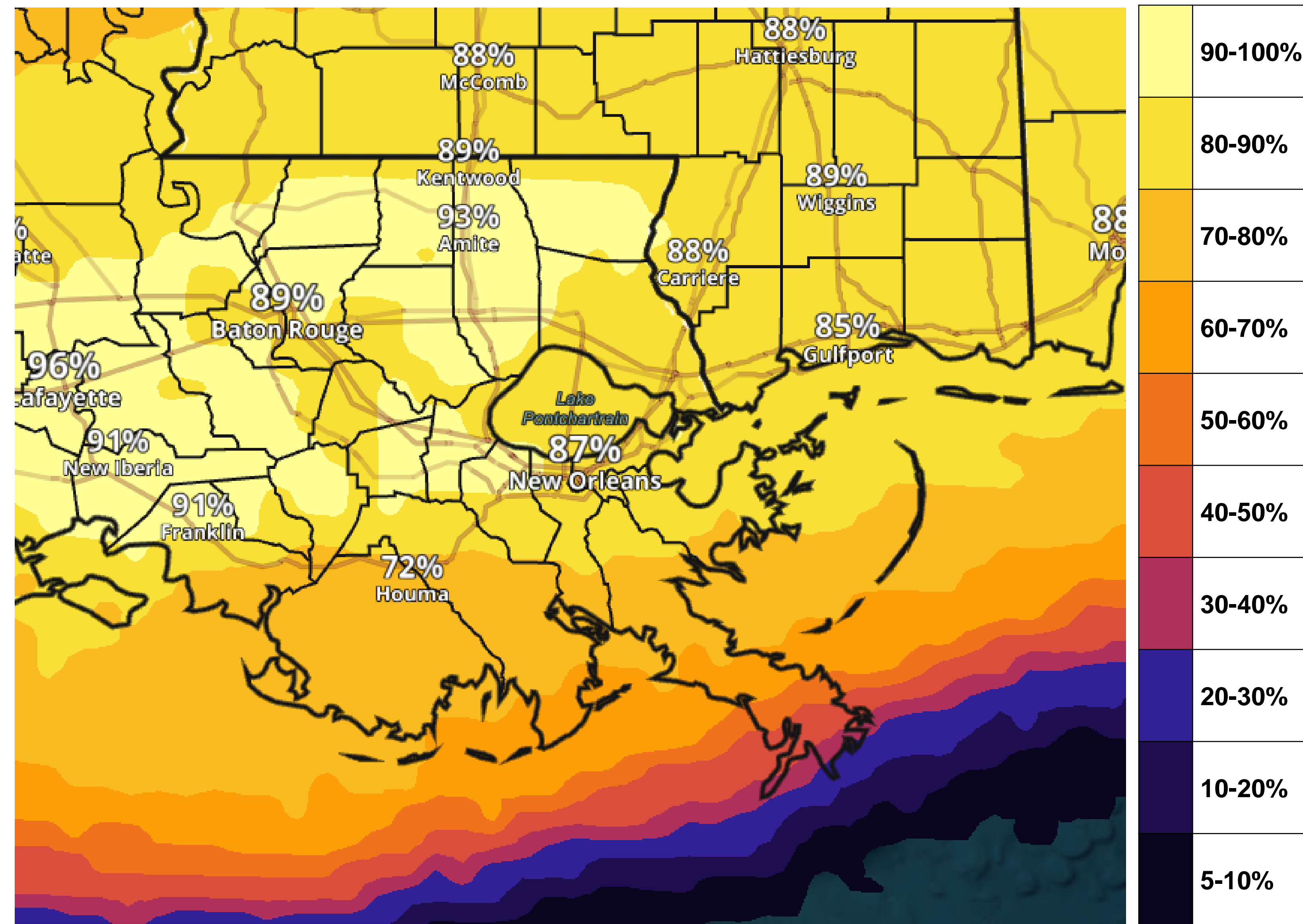
## Impacts:

- Roads, especially bridges and overpasses, will likely become slick and hazardous. Plan on slippery road conditions. The hazardous conditions could impact the Tuesday morning and evening commutes.



# Probability of > 1" Snow Accumulation

Valid from 6AM Monday through 6AM Wednesday



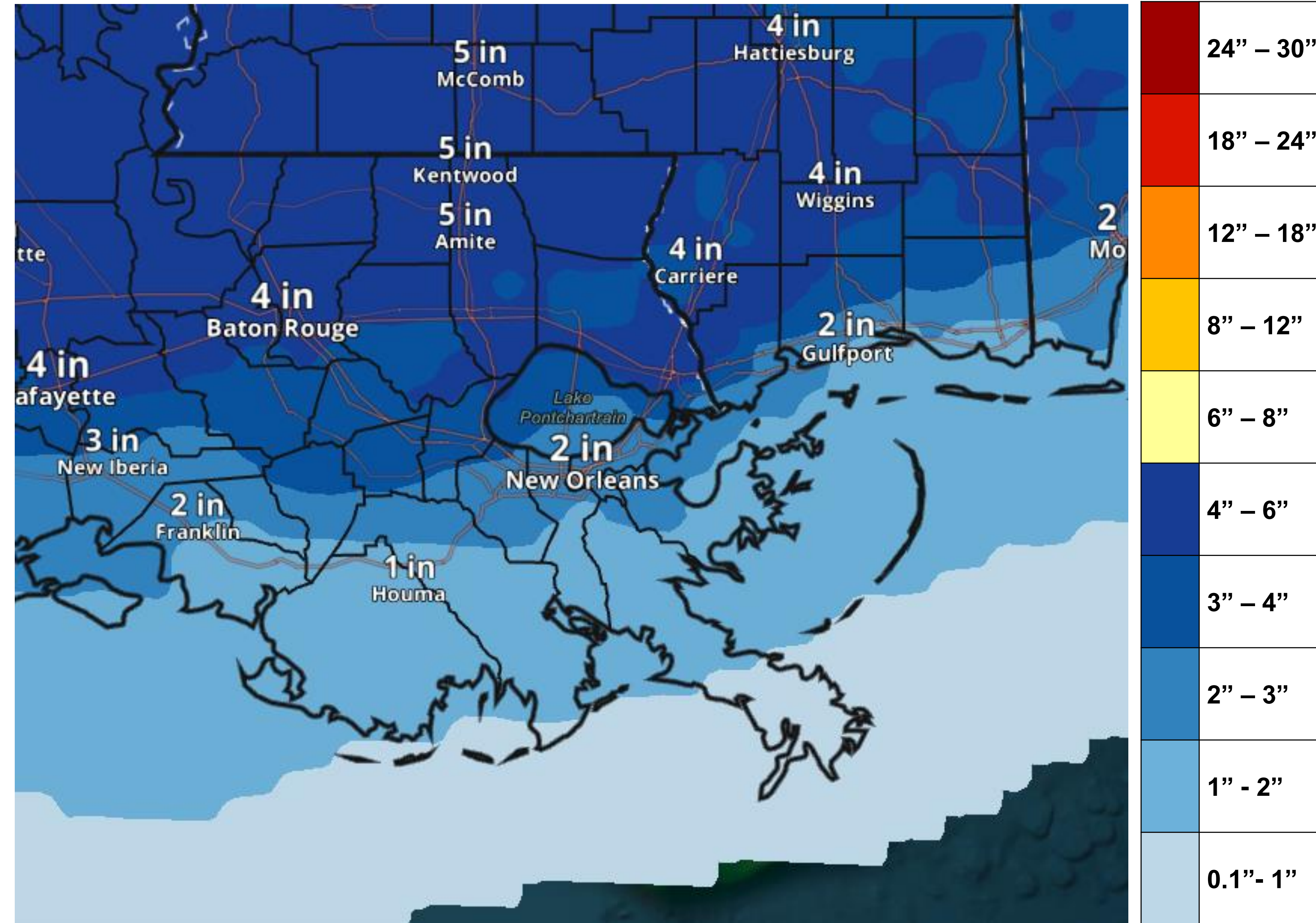
## What Has Changed:

- Probabilities continue to increase, with greater confidence for impacts across most of SE LA and southern MS.
- 
- Probabilities are high (70-90%) that at least moderate impacts from accumulating snow will occur.
  - Moderate to major impacts are anticipated, especially to travel from late Monday through Wednesday and could extend into early Thursday.



# Most Likely Snow Accumulation

Valid from 6AM Monday through 6AM Wednesday



## What Has Changed:

- Forecast snowfall totals have increased since yesterday. Additional changes in forecast snowfall totals are likely.

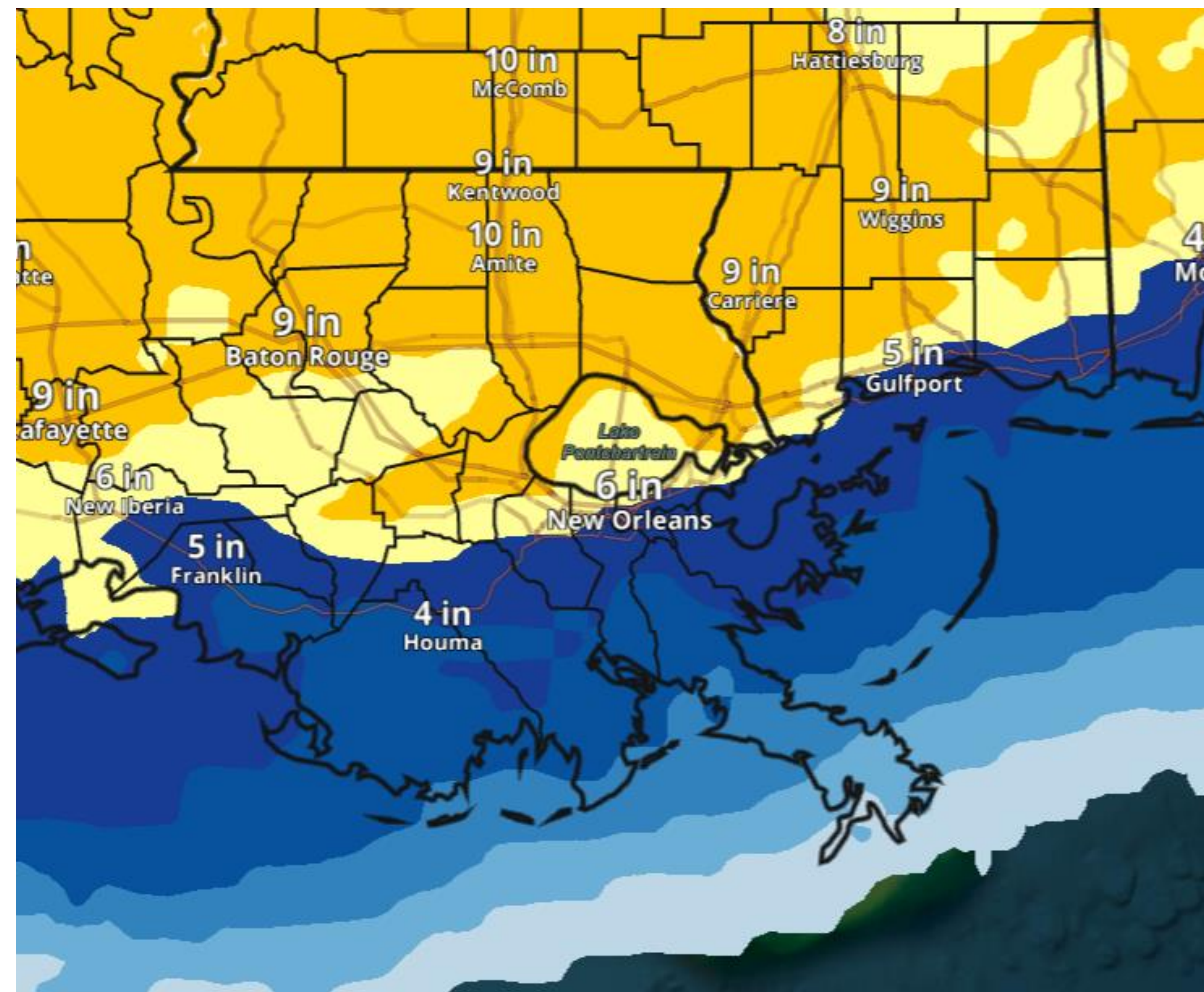
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- Represents the 50/50 chance of occurrence.
- Moderate to major impacts are anticipated, especially to travel from late Monday through Wednesday and could extend into early Thursday.



# Reasonable Worst Case Snow Amount

Valid from 6AM Monday through 6AM Wednesday



24" – 30"
18" – 24"
12" – 18"
8" – 12"
6" – 8"
4" – 6"
3" – 4"
2" – 3"
1" - 2"
0.1"- 1"

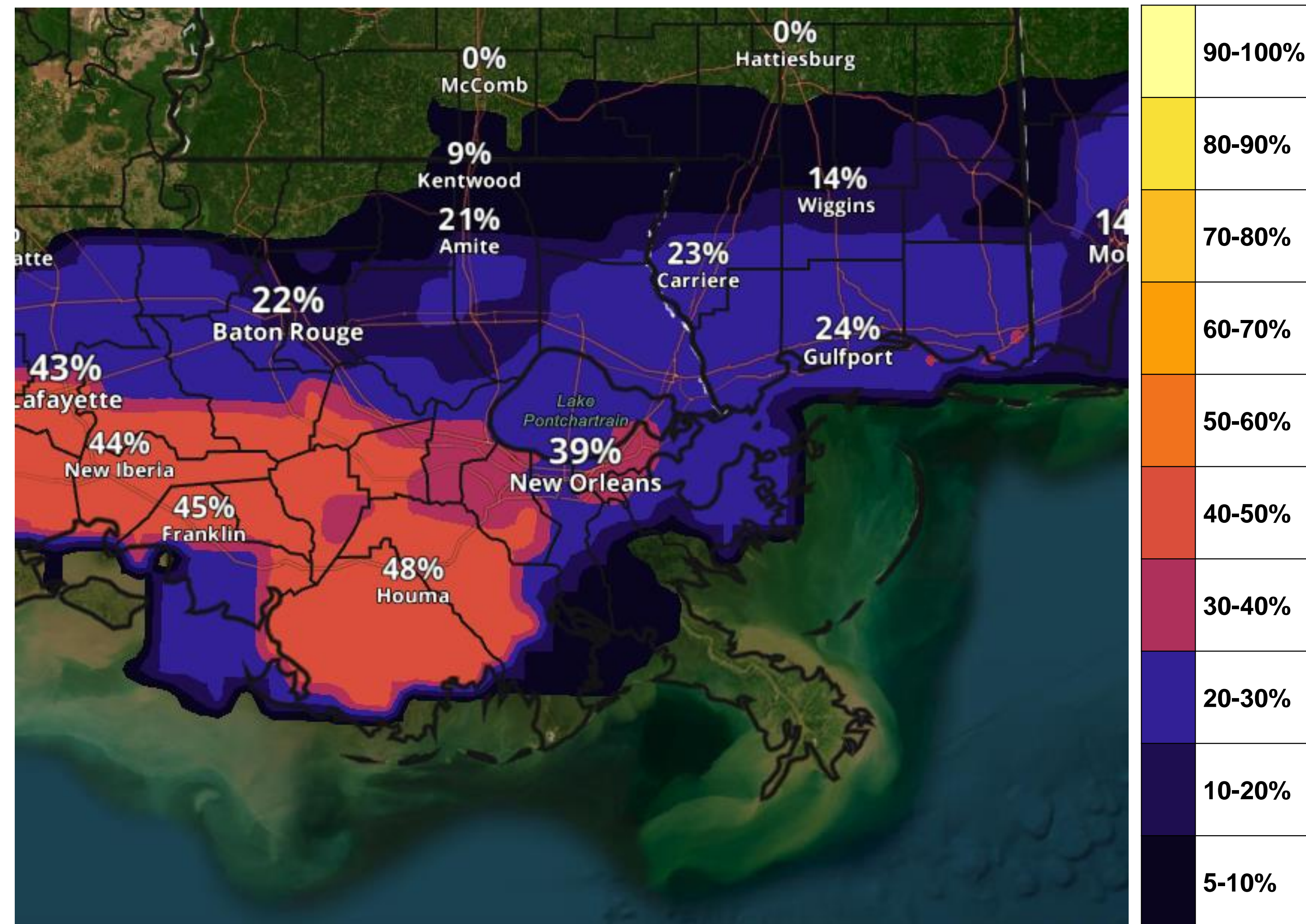
## What Has Changed:

- High-end (10% chance) forecast snowfall totals have increased since yesterday.
- 
- Represents values with only a 10% chance of being exceeded.
  - Moderate to major impacts are anticipated, especially to travel from late Monday through Wednesday and could extend into early Thursday.



# Probability of > 0.01" Ice Accumulation

Valid from 6AM Monday through 6AM Wednesday



## What Has Changed:

- Probabilities have increased slightly across mainly southern/coastal LA.
- Main concern will be along and generally south of the I-10 corridor, specifically over the Atchafalaya basin.
- Despite higher probabilities, total accumulation is still forecast less than 0.10".
- There is some concern for minor impacts caused by accumulating ice in these locations.





# Key Takeaways

## Changes since Previous Update:

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## Questions?

Contact WFO New Orleans at  
504-522-7330 or 985-649-0429

Use extension to speak with a forecaster

*Get the latest forecast and hazard information at  
[www.weather.gov/neworleans](http://www.weather.gov/neworleans)*